



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: A.S. Hoffman et al. Attorney Docket No.: UWOTL119001
Application No.: 09/755,701 Group Art Unit: 1639
Filed: January 5, 2001 Examiner: M.C.T. Tran
Title: ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

June 20, 2003

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. Copies of the listed patents and publications are enclosed for the Examiner's use.
2. Pursuant to 37 C.F.R. § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of a final action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution, and is accompanied by:
 - a. a certification statement as specified in 37 C.F.R. § 1.97(e); or
 - b. the submission fee set forth in 37 C.F.R. § 1.17(p). Check No. 148767 in the amount of \$830.00 is enclosed, which includes \$180.00 for the submission fee.
3. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the

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appropriate length required upon the filing of any reply during the entire prosecution of this application.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	5,451,411		09/19/1995	Gombotz et al.
_____	U2	5,770,627		06/23/1998	Inoue et al.
_____	U3	5,998,588		12/07/1999	Hoffman et al.
_____	U4	6,165,509		12/26/2000	Hoffman et al.
_____	U5	6,486,213	B1	11/26/2002	Chen et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Provided	Abstract Provided	Translation Provided
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None

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initials	Cite No.	Information
_____	O1	Cheung, C.Y., et al., "A pH-Sensitive Polymer That Enhances Cationic Lipid-Mediated Gene Transfer," <i>Bioconjugate Chem.</i> 12:906-910, 2001.
_____	O2	Ding, Z., et al., "Synthesis and Purification of Thermally Sensitive Oligomer-Enzyme Conjugates of Poly(N-isopropylacrylamide)-Trypsin," <i>Bioconjugate Chem.</i> 7:121-125, 1996.
_____	O3	Kyriakides, T.R., et al., "pH-Sensitive Polymers That Enhance Intracellular Drug Delivery In Vivo," <i>Journal of Controlled Release</i> 78:295-303, 2002.

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_____ O4 Linhardt, J.G., and D.A. Tirrell, "pH-Induced Fusion and Lysis of Phosphatidylcholine Vesicles by the Hydrophobic Polyelectrolyte Poly(2-ethylacrylic Acid)," *Langmuir* 16:122-127, 2000.

_____ O5 Murthy, N., et al., "The Design and Synthesis of Polymers for Eukaryotic Membrane Disruption," *Journal of Controlled Release* 61:137-143, 1999.

_____ O6 Tycko, B., et al., "Rapid Acidification of Endocytic Vesicles Containing Asialoglycoprotein in Cells of a Human Hepatoma Line," *Journal of Cell Biology* 97:1762-1776, 1983 (abstract only).

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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